APPENDIX A

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The following listing of claims will replace all prior listings of claims in this application:

1. (Previously Presented): **Labels A & E [**In a multi-processor computing environment, a method executed by a first processor for allocating resources for use by a plurality of other processors**]**, the method comprising:

Labels A & J [providing a script to the first processor**]**, **Label C [**the first processor being dedicated solely to parsing the script and to the allocation of resources to the plurality of other processors**]**, **Labels B, D & J [**the script containing information related to the resources required by the other processors and when the resources are required in the execution sequence of an application**]**;

Label F [parsing the script to determine the resources required by the plurality of other processors**]**; and

Label G [dynamically allocating the resources as needed by the plurality of other processors in the execution of the application**]**.

2. – 3. (Cancelled)

4. (Previously Presented): The method of claim 1 wherein the resources include at least one of memory and a matrix configuration.

5. (Cancelled)

6. (Previously Presented): The method of claim 1 **Label K [**wherein the information in the script is the amount of buffer memory needed by a program**]**.

7. (Currently Amended): **Label C [**A method by a dedicated processor**]** for **Labels A & E [**allocating resources for executing tasks in an application in a multi-processor computing environment**]**, the method comprising:

Labels A & J [providing a script to [[other]] <u>the</u> dedicated processor[[s]]**]**, **Label C [**the dedicated processor being dedicated solely to executing the script and the

allocation of resources to one or more other processors], **Labels B, D and J [**the script containing ~~a map of sequences of the tasks that will occur during~~ an execution sequence of the one or more tasks**]**;

Label F [parsing the script to determine resources required by the other processors based on the ~~map of sequences~~ execution sequence**]**; and

Label G [allocating the resources immediately prior to execution of each of the tasks to achieve the most efficient execution of all of the tasks**]**.

8. (Original): The method of claim 7 wherein the script is an I/O processor script.

9. (Currently Amended): **Label M [**A predictive resource allocation system**]** for a **Label N [**multi-processor computing environment having a plurality of processors**]**, comprising:

Label N [a plurality of other processors for executing an application;**]**

Label G [a dedicated processor dedicated solely to providing resource allocation to the plurality of other processors;**]**

Labels B & G [a script file containing information related to the resources required by the plurality of processors to execute the application;**]**

Labels C & D [[[a]] the dedicated processor running the script file and parsing the script to determine the resources required by the ~~first processor~~ other processors;**]** and

Labels P & G [the dedicated processor dynamically allocating resources at the time they are needed by the plurality of other processors for the execution of the application. **]**

10. (Cancelled)

11. (Currently Amended): A method for **Labels M & N [**allocating resources for use by a first processor in execution of an application comprising a plurality of tasks in a multi-processor computing environment**]**, the method comprising:

Labels A & J [providing a script to [[a]] the first processor**]**, **Label C [**the first processor being dedicated solely to parsing the script and to allocation of resources to a plurality of other processors**]**, **Labels B, D & J [**the script containing ~~a map of sequences that will occur during~~ an execution sequence of the tasks;**]**

Labels F & G [parsing the script to determine the ~~map of sequences~~ execution sequence of the tasks for the plurality of other processors to execute the tasks and to determine the resources required by the tasks;**]** and

Labels P & G [allocating the resources to the processors such that resource allocation is synchronized with when the resources are needed by processors for efficient execution of the application**]**.

12. (Previously Presented): The method of claim 11 wherein **Labels P & G [**allocating the resources to the plurality of other processors in the multi-processor environment further comprises dynamically allocating the resources at the time needed for execution of the tasks **]**.